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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER *634-5131*

For release February 28, 1964 | ATLANTA, GEORGIA 30333 | Vol. 13, No. 8

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 22, 1964

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ANTHRAX SURVEILLANCE SUMMARY

INFLUENZA

Epidemic respiratory disease continued to be reported from many communities in western and central Washington during the past week. In addition, scattered outbreaks have been noted in several western counties in in Oregon, and a localized institutional outbreak has been observed in southern California.

Washington

Outbreaks of influenza-like disease have been reported from 4 additional Washington counties during the past week, bringing to 16 the total number of counties involved in the current epidemic. Disease incidence still appears to be concentrated in the western and central portions of the state, with relatively few reports from eastern communities thus far. Counties reporting for the first time last week were Island, Pacific, San Juan, and Yakima -- the latter apparently being the most severely affected. School absenteeism reached levels of 25 per-

(Please turn to page 68)

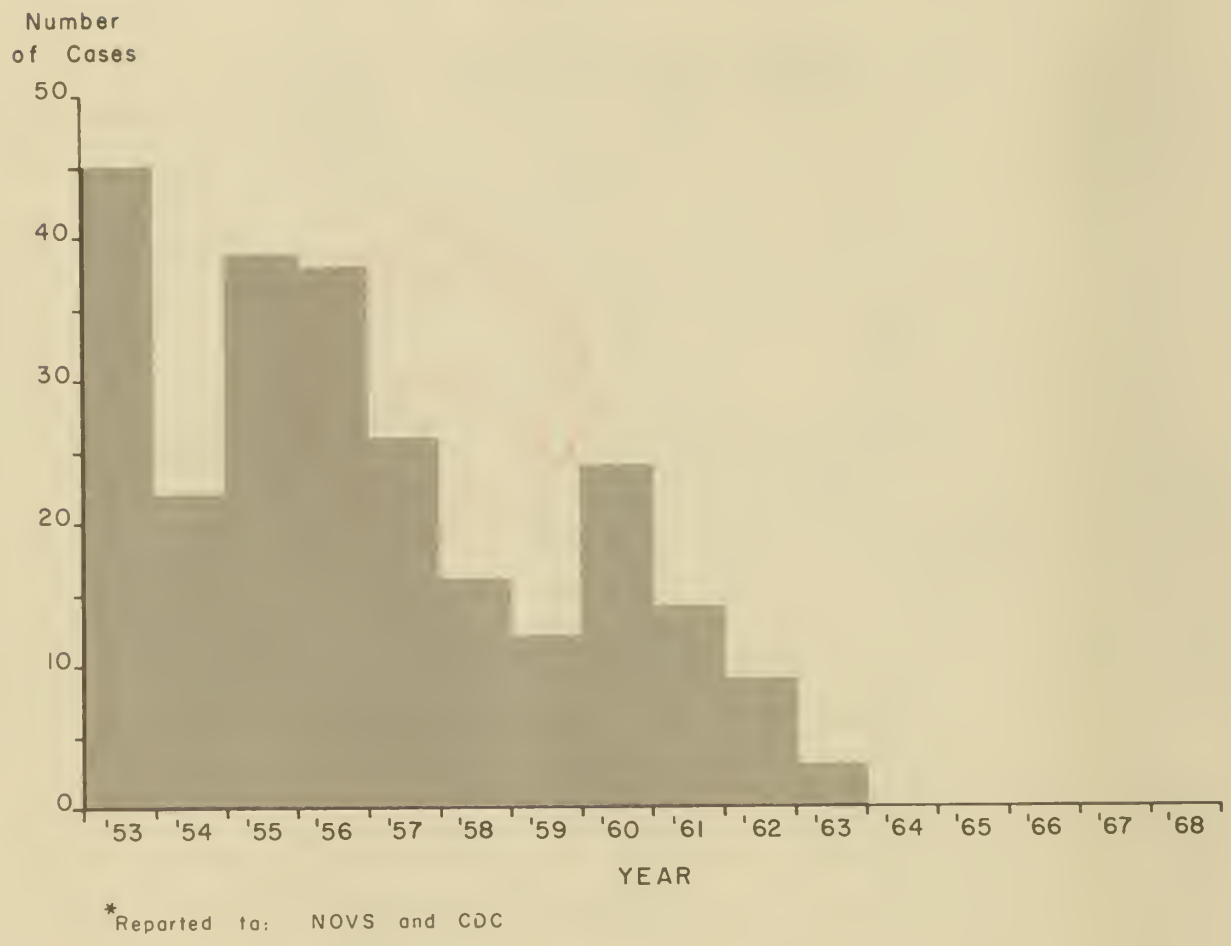
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	8th Week Ended			Cumulative, First 8 Weeks		
	February 22, 1964	February 23, 1963	Median 1959 - 1963	1964	1963	Median 1959 - 1963
Aseptic meningitis	31	19	---	205	183	---
Brucellosis	11	8	8	55	47	67
Diphtheria	5	5	16	34	43	155
Encephalitis, primary infectious	42	26	---	241	157	---
Encephalitis, post-infectious	21		---	61		---
Hepatitis, infectious including serum hepatitis	1,035	1,065	1,065	7,464	8,902	8,902
Measles	9,767	10,773	12,296	53,442	72,953	78,077
Meningococcal infections	62	51	56	415	435	424
Poliomyelitis, Total	-	1	4	8	28	70
Paralytic	-	1	3	5	24	39
Nonparalytic	-	-	---	3	2	---
Unspecified	-	-	---	-	2	---
Streptococcal Sore Throat and Scarlet fever	11,679	9,800	---	78,047	73,914	---
Tetanus	4	2	---	37	26	---
Tularemia	3	7	---	51	38	---
Typhoid fever	6	6	10	54	40	64
Rabies in Animals	83	61	75	555	452	520

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	-	Psittacosis:	3
Botulism:	2	Rabies in Man:	-
Leptospirosis: Minn. - 1	4	Smallpox:	-
Malaria: Pa. - 1, Ariz. - 1	17	Typhus-	
Plague:	-	Murine:	1
		Rky Mt. Spotted:	3

Figures for current week exclude missing report from Hawaii



Anthrax Surveillance Summary – 1963

Three cases of human anthrax were reported during 1963. This figure represents a continuation of the downward trend of this disease to its lowest point since reporting began. The above histogram depicts the pattern of human anthrax occurrence over the last 11 years. The decline in cases is probably related to several factors including the use of the anthrax cell-free vaccine in high risk industrial populations, continued improvements in industrial hygiene, and the decreasing imports of animal products associated with *Bacillus anthracis* contamination.

Females comprised the 3 cases occurring in 1963. All had industrial contact with the organism; 2 worked with goat hair and one with wool. All cases were of the cutaneous type, diagnosed clinically without laboratory confirmation; there were no fatalities. None of the patients had been immunized with the cell-free anthrax vaccine at the time of infection. One of the 2 goat hair associated cases occurred in a new employee, who had not been immunized during the 2 weeks of her employment. The other 2 cases occurred in individuals working in plants whose employees were not immunized. (Limited supplies of the vaccine are available for selected high-risk groups upon request from the CDC.)

This is only the second year since 1916 when no agriculturally associated cases have been reported. A similar situation occurred in 1961 when all 9 cases of human anthrax were industrially associated.

The only significant animal outbreak of anthrax reported in 1963 occurred among deer in Arkansas. This outbreak resulted in approximately 400 deaths, a loss of 70 to 90 percent of the deer population in the involved area.

(Reported by Anthrax Investigations Unit, CDC.)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

January 1964 - January 1963

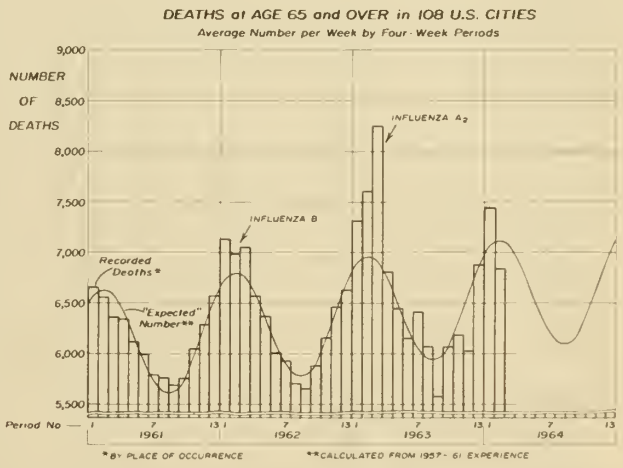
CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area January 1964 and January 1963 - Provisional Data

Reporting Area			Cumulative		Reporting Area			Cumulative	
	1964	1963	1964	1963		1964	1963	1964	1963
NEW ENGLAND	43	43	43	43	EAST SOUTH CENTRAL	113	112	113	112
Maine	-	-	-	-	Kentucky	6	9	6	9
New Hampshire	1	1	1	1	Tennessee	28	37	28	37
Vermont	-	-	-	-	Alabama	69	55	69	55
Massachusetts	31	24	31	24	Mississippi	10	11	10	11
Rhode Island	2	2	2	2					
Connecticut	9	16	9	16	WEST SOUTH CENTRAL	179	245	179	245
					Arkansas	14	20	14	20
MIDDLE ATLANTIC	391	529	391	529	Louisiana	49	49	49	49
Upstate New York	57	46	57	46	Oklahoma	9	24	9	24
New York City	210	306	210	306	Texas	107	152	107	152
Pa. (Excl. Phila.)	12	14	12	14					
Philadelphia	21	64	21	64	MOUNTAIN	49	38	49	38
New Jersey	91	99	91	99	Montana	-	-	-	-
					Idaho	2	-	2	-
EAST NORTH CENTRAL	197	156	197	156	Wyoming	-	-	-	-
Ohio	52	27	52	27	Colorado	1	7	1	7
Indiana	12	6	12	6	New Mexico	24	8	24	8
Downstate Illinois	10	10	10	10	Arizona	13	16	13	16
Chicago	68	83	68	83	Utah	4	3	4	3
Michigan	52	27	52	27	Nevada	5	4	5	4
Wisconsin	3	3	3	3					
					PACIFIC	243	206	243	206
WEST NORTH CENTRAL	51	35	51	35	Washington	8	17	8	17
Minnesota	7	9	7	9	Oregon	8	5	8	5
Iowa	5	-	5	-	California	223	182	223	182
Missouri	20	13	20	13	Alaska	2	1	2	1
North Dakota	-	-	-	-	Hawaii	2	1	2	1
South Dakota	9	3	9	3					
Nebraska	6	4	6	4	U. S. TOTAL	1,813	1,896	1,813	1,896
Kansas	4	6	4	6					
					TERRITORIES	65	56	65	56
SOUTH ATLANTIC	547	532	547	532	Puerto Rico	63	53	63	53
Delaware	12	10	12	10	Virgin Islands	2	3	2	3
Maryland	38	48	38	48					
District of Columbia	46	63	46	63					
Virginia	36	25	36	25					
West Virginia	1	3	1	3					
North Carolina	67	90	67	90	Note: Cumulative Totals include revised and delayed reports through previous months.				
South Carolina	48	61	48	61					
Georgia	87	97	87	97					
Florida	212	135	212	135					

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 U.S. CITIES

The weekly average number of deaths among persons 65 years and over in 108 cities for the four-week period ending February 22 was 6,843 as compared with an expected weekly average of 7,121.

	Week Ending				4 Week Total	Weekly Average
	2/1	2/8	2/15	2/22		
Observed	6,877	6,891	6,743	6,860	27,371	6,843
Expected	7,116	7,124	7,125	7,118	28,483	7,121
Excess	-239	-233	-382	-258	-1,112	-278



(See Table, page 67)

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
FEBRUARY 22, 1964 AND FEBRUARY 23, 1963 (8th WEEK)

Area	Aseptic Meningitis		Encephalitis Primary	Encephalitis Post-Inf.	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic			
							Cumulative				Cumulative	
	1964	1963	1964	1964	1964	1963	1964	1963	1964	1963	1964	1963
UNITED STATES...	31	19	42	21	-	1	8	28	-	1	5	24
NEW ENGLAND.....	-	2	2	-	-	-	-	-	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	1	1	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	1	1	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	-	-	17	5	-	-	2	4	-	-	2	4
New York City.....	-	-	6	-	-	-	-	-	-	-	-	-
New York, Up-State.	-	-	-	3	-	-	1	3	-	-	1	3
New Jersey.....	-	-	11	-	-	-	1	-	-	-	1	-
Pennsylvania.....	-	-	-	2	-	-	-	1	-	-	-	1
EAST NORTH CENTRAL...	-	-	7	6	-	-	-	8	-	-	-	6
Ohio.....	-	-	1	2	-	-	-	2	-	-	-	1
Indiana.....	-	-	-	-	-	-	-	-	-	-	-	-
Illinois.....	-	-	3	4	-	-	-	5	-	-	-	4
Michigan.....	-	-	3	-	-	-	-	1	-	-	-	1
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	1	-	5	-	-	-	-	1	-	-	-	1
Minnesota.....	1	-	-	-	-	-	-	1	-	-	-	1
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	5	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	9	3	-	1	-	-	6	2	-	-	3	2
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	1	-	-	-	-	-	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	-	-	-	-	3	2	-	-	-	2
South Carolina.....	-	2	-	-	-	-	1	-	-	-	1	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	-	-
Florida.....	9	-	-	1	-	-	2	-	-	-	2	-
EAST SOUTH CENTRAL...	3	1	-	-	-	-	-	1	-	-	-	-
Kentucky.....	2	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	-	-	-	-	-	-
Alabama.....	-	-	-	-	-	-	-	1	-	-	-	-
Mississippi.....	1	1	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	-	2	-	1	-	-	-	8	-	-	-	8
Arkansas.....	-	-	-	1	-	-	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-	-	7	-	-	-	7
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	-
Texas.....	-	2	-	-	-	-	-	1	-	-	-	1
MOUNTAIN.....	3	5	2	-	-	-	-	-	-	-	-	-
Montana.....	-	2	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	3	1	2	-	-	-	-	-	-	-	-	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	2	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	15	6	9	8	-	1	-	4	-	1	-	3
Washington.....	-	1	-	2	-	-	-	-	-	-	-	-
Oregon.....	-	-	-	1	-	1	-	1	-	1	-	1
California.....	15	5	8	5	-	-	-	3	-	-	-	2
Alaska.....	-	-	1	-	-	-	-	-	-	-	-	-
Hawaii.....	---	-	---	---	---	-	-	-	---	-	-	-
Puerto Rico	---	-	---	---	---	-	-	-	---	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

FEBRUARY 22, 1964 AND FEBRUARY 23, 1963 (8th WEEK) - Continued

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
		Cum.		Cum.	Total	Under 20 years	20 years and over	Age Unknown	Cumulative			Cum.
	1964	1964	1964	1964	1964	1964	1964	1964	1964	1963	1964	1964
UNITED STATES...	11	55	5	34	1,035	513	442	80	7,464	8,902	6	54
NEW ENGLAND.....	-	-	-	1	101	49	43	9	929	1,168	1	5
Maine.....	-	-	-	-	31	16	14	1	339	540	-	-
New Hampshire.....	-	-	-	-	8	5	3	-	91	88	-	-
Vermont.....	-	-	-	-	21	13	4	4	112	15	-	-
Massachusetts.....	-	-	-	1	20	8	10	2	166	359	-	3
Rhode Island.....	-	-	-	-	6	1	4	1	35	29	1	2
Connecticut.....	-	-	-	-	15	6	8	1	186	137	-	-
MIDDLE ATLANTIC.....	1	1	-	4	259	123	136	-	1,636	1,671	4	9
New York City.....	-	-	-	1	37	11	26	-	223	176	1	2
New York, Up-State.	-	-	-	-	126	76	50	-	780	806	1	3
New Jersey.....	-	-	-	2	40	14	26	-	239	244	-	-
Pennsylvania.....	1	1	-	1	56	22	34	-	394	445	2	4
EAST NORTH CENTRAL...	1	10	2	6	165	87	60	18	1,067	1,406	-	12
Ohio.....	-	-	-	-	49	21	16	12	310	437	-	11
Indiana.....	-	-	-	-	11	6	4	1	81	102	-	-
Illinois.....	1	9	2	6	36	21	14	1	143	273	-	1
Michigan.....	-	-	-	-	64	39	25	-	494	508	-	-
Wisconsin.....	-	1	-	-	5	-	1	4	39	86	-	-
WEST NORTH CENTRAL...	6	28	-	3	59	33	19	7	489	410	1	3
Minnesota.....	-	-	-	1	3	1	2	-	28	74	-	-
Iowa.....	2	12	-	-	8	6	1	1	73	67	1	2
Missouri.....	-	3	-	-	21	10	11	-	116	179	-	1
North Dakota.....	-	-	-	-	4	2	2	-	28	11	-	-
South Dakota.....	1	5	-	-	10	7	2	1	58	11	-	-
Nebraska.....	3	8	-	-	2	-	1	1	13	27	-	-
Kansas.....	-	-	-	7	11	7	-	4	173	41	-	-
SOUTH ATLANTIC.....	-	2	1	5	87	43	40	4	711	986	-	15
Delaware.....	-	-	-	-	2	-	1	1	9	11	-	-
Maryland.....	-	-	-	-	15	7	8	-	115	90	-	-
Dist. of Columbia..	-	-	-	-	1	1	-	-	14	30	-	-
Virginia.....	-	1	-	-	15	6	7	2	107	262	-	1
West Virginia.....	-	-	-	-	12	11	1	-	127	140	-	-
North Carolina.....	-	1	-	-	15	11	4	-	153	284	-	9
South Carolina.....	-	-	-	1	-	-	-	-	20	47	-	1
Georgia.....	-	-	1	2	1	-	1	-	11	28	-	-
Florida.....	-	-	-	2	26	7	18	1	155	94	-	4
EAST SOUTH CENTRAL...	-	1	-	1	58	38	14	6	493	931	-	5
Kentucky.....	-	-	-	-	39	28	6	5	247	298	-	1
Tennessee.....	-	-	-	1	13	9	3	1	155	365	-	3
Alabama.....	-	1	-	-	4	1	3	-	61	117	-	1
Mississippi.....	-	-	-	-	2	-	2	-	30	151	-	-
WEST SOUTH CENTRAL...	-	3	-	4	66	38	26	2	502	602	-	2
Arkansas.....	-	1	-	-	6	3	3	-	69	91	-	1
Louisiana.....	-	1	-	2	12	7	5	-	91	87	-	-
Oklahoma.....	-	1	-	-	2	-	2	-	28	38	-	1
Texas.....	-	-	-	2	46	28	16	2	314	386	-	-
MOUNTAIN.....	2	7	-	-	68	21	14	33	504	710	-	-
Montana.....	-	-	-	-	9	3	4	2	51	109	-	-
Idaho.....	-	-	-	-	3	-	-	3	43	111	-	-
Wyoming.....	-	-	-	-	5	2	3	-	20	5	-	-
Colorado.....	-	-	-	-	17	5	4	8	132	162	-	-
New Mexico.....	-	1	-	-	8	6	2	-	88	78	-	-
Arizona.....	-	1	-	-	17	-	-	17	107	153	-	-
Utah.....	2	5	-	-	6	5	1	-	53	85	-	-
Nevada.....	-	-	-	-	3	-	-	3	10	7	-	-
PACIFIC.....	1	3	2	5	172	81	90	1	1,133	1,018	-	3
Washington.....	-	-	2	5	16	10	6	-	133	169	-	-
Oregon.....	-	-	-	-	31	12	19	-	135	152	-	-
California.....	1	3	-	-	115	54	61	-	804	666	-	3
Alaska.....	-	-	-	-	10	5	4	1	44	23	-	-
Hawaii.....	---	-	---	-	---	---	---	---	17	8	---	-
Puerto Rico	---	-	---	1	---	---	---	---	49	54	---	1

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES
FOR WEEKS ENDED
FEBRUARY 22, 1964 AND FEBRUARY 23, 1963 (8th WEEK) - Continued

Area	Measles	Meningococcal Meningitis			Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals	
			Cumulative					Cum.		Cum.		Cum.
	1964	1964	1964	1963	1964	1963	1964	1964	1964	1964	1964	1964
UNITED STATES...	9,767	62	415	435	11,679	9,800	4	37	3	51	83	555
NEW ENGLAND.....	472	3	13	36	1,349	1,322	-	-	-	-	-	1
Maine.....	50	-	-	7	443	153	-	-	-	-	-	-
New Hampshire.....	9	-	-	-	8	7	-	-	-	-	-	1
Vermont.....	171	--	1	1	3	3	-	-	-	-	-	-
Massachusetts.....	96	3	6	13	176	186	-	-	-	-	-	-
Rhode Island.....	13	-	2	5	51	107	-	-	-	-	-	-
Connecticut.....	133	-	5	10	630	866	-	-	-	-	-	-
MIDDLE ATLANTIC.....	1,772	7	53	51	1,015	582	-	-	-	-	-	15
New York City.....	554	1	8	6	40	31	-	-	-	-	-	-
New York, Up-State.	411	-	17	13	422	309	-	-	-	-	-	14
New Jersey.....	423	3	12	10	423	169	-	-	-	-	-	-
Pennsylvania.....	384	3	16	22	130	73	-	-	-	-	-	1
EAST NORTH CENTRAL...	2,623	11	65	74	1,595	1,445	-	4	1	6	10	55
Ohio.....	429	2	21	21	340	279	-	1	-	1	5	30
Indiana.....	669	1	8	13	136	213	-	-	-	-	-	4
Illinois.....	644	3	13	13	222	202	-	2	1	3	1	7
Michigan.....	683	4	19	18	583	374	-	1	-	1	2	7
Wisconsin.....	198	1	4	9	314	377	-	-	-	1	2	7
WEST NORTH CENTRAL...	322	2	19	23	356	287	-	2	-	13	24	170
Minnesota.....	9	2	5	4	42	27	-	-	-	1	7	50
Iowa.....	161	-	-	-	126	87	-	-	-	1	7	53
Missouri.....	58	-	8	10	15	33	-	2	-	8	5	34
North Dakota.....	94	-	2	1	111	74	-	-	-	-	1	11
South Dakota.....	-	-	-	2	40	27	-	-	-	-	3	14
Nebraska.....	-	-	1	6	1	-	-	-	-	-	1	6
Kansas.....	NN	-	3	-	21	39	-	-	-	3	-	2
SOUTH ATLANTIC.....	1,011	20	105	105	1,137	818	2	16	1	9	13	100
Delaware.....	11	1	1	1	9	12	-	-	-	-	-	-
Maryland.....	157	-	11	16	122	45	1	1	-	-	-	-
Dist. of Columbia..	25	1	1	1	15	1	-	-	-	-	-	-
Virginia.....	254	2	9	25	344	274	-	-	-	3	9	80
West Virginia.....	274	3	8	7	314	182	-	-	-	-	1	3
North Carolina.....	58	1	11	18	28	71	-	7	-	-	-	1
South Carolina.....	86	-	13	8	48	51	-	2	-	-	-	-
Georgia.....	1	3	9	6	8	2	-	-	1	6	1	6
Florida.....	145	9	42	23	249	180	1	6	-	-	2	10
EAST SOUTH CENTRAL...	1,289	2	31	29	2,024	1,333	1	4	-	12	9	90
Kentucky.....	624	1	6	8	412	151	-	-	-	1	-	15
Tennessee.....	518	-	13	14	1,465	1,032	1	2	-	9	9	72
Alabama.....	18	-	6	4	18	70	-	2	-	2	-	3
Mississippi.....	129	1	6	3	129	80	-	-	-	-	-	-
WEST SOUTH CENTRAL...	27	4	31	41	990	1,332	1	6	-	9	14	84
Arkansas.....	16	-	4	3	9	211	1	1	-	1	5	26
Louisiana.....	-	4	24	13	3	12	-	3	-	-	2	9
Oklahoma.....	11	-	3	8	75	4	-	-	-	8	1	7
Texas.....	-	-	-	17	903	1,105	-	2	-	-	6	42
MOUNTAIN.....	570	3	25	14	1,323	1,764	-	1	1	2	6	23
Montana.....	206	-	-	-	111	50	-	-	1	1	-	-
Idaho.....	68	-	1	-	130	168	-	-	-	-	-	-
Wyoming.....	-	-	1	-	14	204	-	1	-	1	-	-
Colorado.....	50	-	6	3	164	797	-	-	-	-	-	-
New Mexico.....	6	2	10	2	517	325	-	-	-	-	3	14
Arizona.....	183	-	2	3	152	110	-	-	-	-	3	9
Utah.....	22	-	1	5	234	110	-	-	-	-	-	-
Nevada.....	35	1	4	1	1	-	-	-	-	-	-	-
PACIFIC.....	1,681	10	73	62	1,890	917	-	4	-	-	7	17
Washington.....	813	2	6	6	771	489	-	-	-	-	-	-
Oregon.....	183	-	3	2	55	31	-	-	-	-	-	-
California.....	623	8	59	50	1,020	256	-	4	-	-	7	17
Alaska.....	62	-	2	4	44	72	-	-	-	-	-	-
Hawaii.....	---	---	3	-	---	69	---	-	---	-	---	-
Puerto Rico	---	---	2	-	---	7	---	6	---	-	---	1

Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	2/1/64	2/8/64	2/15/64	2/22/64
NEW ENGLAND:				
Boston, Mass.	156	147	145	159
Bridgeport, Conn.	28	25	25	29
Cambridge, Mass.	17	19	13	12
Fall River, Mass.	17	18	20	17
Hartford, Conn.	34	37	24	31
Lowell, Mass.	21	16	18	14
Lynn, Mass.	25	15	20	16
New Bedford, Mass.	14	20	18	18
New Haven, Conn.	16	33	26	37
Providence, R.I.	40	30	36	46
Somerville, Mass.	5	7	2	15
Springfield, Mass.	50	27	35	35
Waterbury, Conn.	23	17	10	16
Worcester, Mass.	33	47	39	49
MIDDLE ATLANTIC:				
Albany, N.Y.	26	36	21	28
Allentown, Pa.	26	16	29	19
Buffalo, N.Y.	80	81	82	89
Camden, N.J.	24	28	29	23
Elizabeth, N.J.	19	18	13	8
Erie, Pa.	20	31	20	25
Jersey City, N.J.	39	52	59	28
Newark, N.J.	40	52	57	52
New York City, N.Y.	961	974	1,001	1,040
Paterson, N.J.	29	23	32	27
Philadelphia, Pa.	308	348	297	341
Pittsburgh, Pa.	121	155	103	93
Reading, Pa.	41	44	36	32
Rochester, N.Y.	58	73	63	74
Schenectady, N.Y.,	15	14	25	16*
Scranton, Pa.	27	23	20	27*
Syracuse, N.Y.	31	36	38	27
Trenton, N.J.	32	25	22	46
Utica, N.Y.	19	23	25	19
Yonkers, N.Y.	15	18	29	26
EAST NORTH CENTRAL:				
Akron, Ohio	35	42	45	27
Canton, Ohio	21	23	24	17
Chicago, Ill.	399	390	414	405
Cincinnati, Ohio	106	103	89	76
Cleveland, Ohio	122	114	138	101*
Columbus, Ohio	79	59	51	66
Dayton, Ohio	55	54	49	28
Detroit, Mich.	199	191	206	184
Evansville, Ind.	20	36	23	30
Flint, Mich.	21	24	23	28
Fort Wayne, Ind.	18	27	23	23
Gary, Ind.	17	19	22	14
Grand Rapids, Mich.	26	20	39	23
Indianapolis, Ind.	104	94	62	92
Madison, Wis.	17	3	15	14
Milwaukee, Wis.	61	73	76	71
Peoria, Ill.	15	17	21	18
Rockford, Ill.	15	14	16	9
South Bend, Ind.	22	25	36	20
Toledo, Ohio	72	59	50	70
Youngstown, Ohio	33	39	27	45
WEST NORTH CENTRAL:				
Des Moines, Iowa	44	34	36	25
Duluth, Minn.	17	18	18	23
Kansas City, Kans.	25	26	19	23
Kansas City, Mo.	88	92	73	86
Lincoln, Nebr.	15	15	18	18
Minneapolis, Minn.	69	72	77	65
Omaha, Nebr.	42	28	39	53
St. Louis, Mo.	139	145	127	157
St. Paul, Minn.	43	49	47	38
Wichita, Kans.	33	38	27	29
SOUTH ATLANTIC:				
Atlanta, Ga.	60	53	70	64
Baltimore, Md.	140	145	130	142
Charlotte, N.C.	14	14	14	17
Jacksonville, Fla.	29	19	23	33
Miami, Fla.	68	46	56	53
Norfolk, Va.	29	23	26	19
Richmond, Va.	57	45	56	46
Savannah, Ga.	13	15	15	15
St. Petersburg, Fla.	73	85	73	69
Tampa, Fla.	59	29	50	54
Washington, D.C.	98	85	102	103
Wilmington, Del.	19	19	19	27
EAST SOUTH CENTRAL:				
Birmingham, Ala.	50	53	39	51
Chattanooga, Tenn.	20	24	26	17
Knoxville, Tenn.	22	32	29	20
Louisville, Ky.	73	68	88	66
Memphis, Tenn.	62	71	73	65
Mobile, Ala.	12	20	19	16
Montgomery, Ala.	19	16	16	15
Nashville, Tenn.	55	73	46	44
WEST SOUTH CENTRAL:				
Austin, Tex.	22	28	24	31
Baton Rouge, La.	21	21	7	25
Corpus Christi, Tex.	15	12	17	7
Dallas, Tex.	76	74	71	66
El Paso, Tex.	23	30	17	24
Fort Worth, Tex.	32	42	34	34
Houston, Tex.	94	87	79	79
Little Rock, Ark.	38	32	30	25
New Orleans, La.	91	99	116	94
Oklahoma City, Okla.	39	42	40	34
San Antonio, Tex.	72	68	69	62
Shreveport, La.	36	26	31	32
Tulsa, Okla.	40	26	46	45
MOUNTAIN:				
Albuquerque, N. Mex.	22	24	15	10
Colorado Springs, Colo.	20	13	13	19
Denver, Colo.	81	63	74	66
Ogden, Utah.	8	11	13	8
Phoenix, Ariz.	53	71	25	81
Pueblo, Colo.	6	7	6	7
Salt Lake City, Utah.	38	29	34	36
Tucson, Ariz.	36	21	18	48
PACIFIC:				
Berkeley, Calif.	11	12	13	18
Fresno, Calif.	26	34	26	25
Glendale, Calif.	22	26	30	32
Honolulu, Hawaii	30	21	17	15
Long Beach, Calif.	39	41	38*	43
Los Angeles, Calif.	369	348	290	309
Oakland, Calif.	50	64	55	62*
Pasadena, Calif.	33	31	19	30
Portland, Oreg.	87	66	60	75
Sacramento, Calif.	32	43	42	31
San Diego, Calif.	58	55	70	53
San Francisco, Calif.	100	116	117	111
San Jose, Calif.	32	21	26	19
Seattle, Wash.	87	89	95	123
Spokane, Wash.	37	23	44	45
Tacoma, Wash.	30	24	23	29
San Juan, P.R.	9	12	13	(---)

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	12,182
4(B) Pneumonia-Influenza Deaths, all ages	525
4(C) Total Deaths under 1 Year of Age	762
4(D) Total Deaths, Persons 65 years and over	6,860

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cent in some Yakima communities, with highest rates reported from high schools.

(Reported by Ernest A. Ager, M.D., Chief, Division of Epidemiology, State Department of Health, Olympia, Washington.)

Oregon

Scattered outbreaks of influenza-like disease have been noted in six western Oregon counties during the past three weeks. Four of the counties involved (Clackamas, Multnommah, Washington, and Yamhill) are in the northwestern corner of the State, near the Washington border. State health authorities have noted an increasing number of case reports from the involved areas, some of which have also reported abnormally high school absenteeism. Case reports for the entire State during the week ending February 21 totaled 945. The median figure for a comparable period during the years 1952-63 was 465.

(Reported by Dr. Grant Skinner, Director, Epidemiology Section, State Board of Health, Portland, Oregon.)

California

An outbreak of acute febrile respiratory disease, clinically compatible with influenza, has been noted at a probation camp for delinquent boys in southern California (about 50 miles from Los Angeles). Earliest cases were recognized during the second week of February with the peak of the outbreak occurring during the period February 17-19. To date, 47 of the 86 boys housed in the Camp's junior division have been ill. The disease has not involved the senior division, located about one-half block away, thus far. Clinically, the illness has been characterized by fever (to 103° F in many cases), headache, sore throat, and cough. Myalgia has not been a prominent symptom. Specimens have been obtained from selected typical cases and are under study.

(Reported by B. A. Kogan, M.D., Division of Acute Communicable Diseases, Los Angeles County Health Department, Los Angeles, California; and Philip K. Condit, M.D., Chief, Bureau of Communicable Disease, State Department of Health, Berkeley, California.)

The Morbidity and Mortality Weekly Report, with a circulation of 10,500 is published by the Communicable Disease Center, Atlanta, Georgia.

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In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor
Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta, Georgia 30333

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.
Symbols: - - - Data not available
- Quantity zero
Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta, Georgia 30333.

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